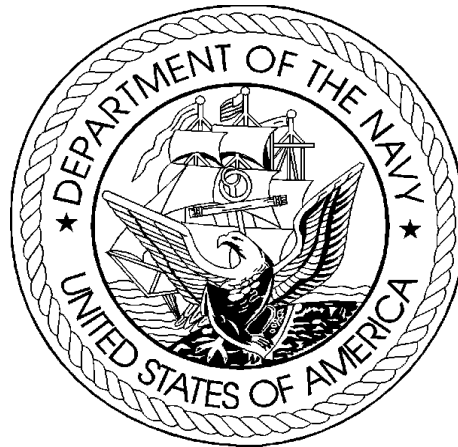


DEPARTMENT OF THE NAVY FY 1999 BUDGET ESTIMATE SUBMISSION



JUSTIFICATION OF ESTIMATES SEPTEMBER 1997

PROCUREMENT, MARINE CORPS
BUDGET ACTIVITY 6

UNCLASSIFIED

Department of the Navy

FY 1999 Procurement Program

Exhibit P-1

APPROPRIATION: 1109N Procurement, Marine Corps

DATE: 09/30/97

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	TOA, \$ IN MILLIONS						S E C
				-----FY 1997-----		-----FY 1998-----		-----FY 1999-----		
				QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 06: Engineer and Other Equipment										

Engineer And Other Equipment										
41	6054 Environmental Control Equip Assort	A			2.1		2.0			3.1 U
42	6274 Bulk Liquid Equipment	A			-		7.9			- U
43	6325 Advanced Demolition Kits	A			-		-			3.0 U
44	6366 Power Equipment Assorted	A			8.5		3.6			5.2 U
45	6370 Shop Eq Contact Maintenance (SECM)	A			-		-			6.1 U
Materials Handling Equipment										
46	6432 Command Support Equipment	A			.5		.6			.5 U
47	6434 Amphibious Raid Equipment	A			.3		-			3.8 U
48	6438 Physical Security Equipment	A			6.0		1.5			1.9 U
49	6441 Garrison Mobile Engr Equip	A			5.1		3.0			5.6 U
50	6456 Warehouse Modernization	A			1.1		1.6			1.5 U
51	6462 Material Handling Equip	A			3.1		5.2			6.6 U
52	6468 First Destination Transportation	A			2.2		1.4			1.9 U

UNCLASSIFIED

Department of the Navy

FY 1999 Procurement Program

Exhibit P-1

APPROPRIATION: 1109N Procurement, Marine Corps

DATE: 09/30/97

LINE NO	ITEM NOMENCLATURE	IDENT CODE	(DOLLARS) FY 1999 UNIT COST	TOA, \$ IN MILLIONS						S E C
				-----FY 1997-----		-----FY 1998-----		-----FY 1999-----		
				QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 06: Engineer and Other Equipment										
General Property										
53	6522 Field Medical Equipment	A			10.0		1.1		2.2	U
54	6532 Training Devices	B			47.8		5.9		3.4	U
55	6543 Container Family	A			7.1		6.2		7.2	U
Other Support										
56	6654 Modification Kits	A			1.1		1.2		1.3	U
57	6669 Items Less Than \$2 Mil	A			1.0		.7		1.9	U
58	6695 Cancelled Account Adjustments (88)	A			3.2		-		-	U
TOTAL Engineer and Other Equipment					99.0		42.0		55.1	

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 056						P-1 Item Nomenclature: ENVIRONMENTAL CONTROL EQUIPMENT, ASSORT (P66100)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	5.2			2.1	2.0	3.1	3.3	3.6	3.8	4.1	CONT	CONT
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	5.2			2.1	2.0	3.1	3.3	3.6	3.8	4.1	CONT	CONT
Initial Spares					0.02	0.05	0.1				CONT	CONT
Total Proc Cost	5.2			2.1	2.0	3.1	3.4	3.6	3.8	4.1	CONT	CONT
Flyaway U/C												
Wpn Sys Proc U/C												
<p>The Environmental Control Equipment Program includes funds for military standard air conditioners which are required for cooling, dehumidifying, heating, filtering, and circulating air within tactical equipment. Electronic maintenance shops, radar systems, communications centers, and data computer systems are examples of tactical equipment requiring environmental control. Six to eight various contractors produce environmental control units.</p>												

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 056			P-1 Line Item Nomenclature: ENVIRONMENTAL CONTROL EQUIPMENT, ASSORT (P66100)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
A/C VERTICAL 36000 BTU/MPI (B0013) RESERVE QUANTITY	A										395 47	56	7896
SMALL MOBILE WATER CHILLER	A				1888	229	8245						
ENHANCED REFRIGERATION UNIT(B1645) RESERVES	A							1166 232	217	6440	1710 263	300	6575
RECYCLING UNIT	A							333	90	3700	646	171	3778
A/C VERTICAL 60000 BTU (B0007)	A							228	28	8142			
ILS SUPPORT					80								
NON RECURRING COST					110			9			9 3069		
TRAINING					68								
TOTAL					2146			1968			3069		
ACTIVE					2146			1736			2759		
Reserves								232			310		

Exhibit P-5a, Budget Procurement History and Planning									Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 056			Weapon System Type:			P-1 Line Item Nomenclature: ENVIRONMENTAL CONTROL EQUIPMENT, ASSORT (P66100)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
A/C VERTICAL 36000 BTU/MPI (B0013) FY1999	UNKNOWN	C/FFP	TACOM	Oct-98	Mar-00	56	7896	YES	NO	N/A
SMALL MOBILE WATER CHILLERS (B2641) FY1997	WARRIOR, ZENIA, OH	C/OPTION	ATCOM	Feb-97	Mar-99	229	8245	YES	NO	N/A
ENHANCED REFRIGERATION UNIT FY1998	UNKNOWN	C/FFP	TACOM	Apr-98	Sep-99	217	6440	YES	NO	N/A
FY1999	UNKNOWN	C/OPTION	TACOM	Oct-98	Mar-00	300	6575	YES	NO	N/A
REMARKS:										

Exhibit P-20, Requirements Study			Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6610056				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): ENVIRONMENT CONTROL EQUIPMENT (B0013)			Admin Leadtime (after Oct 1): 5 Months				Prod Leadtime: 11 Months		
Line Descriptions			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary					56				
Unit Cost					7.9				
Total Cost					442.4				
Asset Dynamics									
Beginning Asset Position			776	888	888	888	938	938	938
Deliveries from: FY 1997 Funding									
Deliveries from: FY 1998 Funding									
Deliveries from: FY 1999 Funding						50			
Deliveries from Subsequent Years Funds									
Other Gains Deliveries from: FY1996 and prior			112						
Combat Losses									
Training Losses									
Test Losses									
Other Losses									
Disposals/Retirements/Attritions									
End of Year Asset Position			888	888	888	938	938	938	938
Inventory Objective or Current Authorized Allowance									
Inventory Objective 1175		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement	Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998	PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999	Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment	BAI
Other:		FY XXXX		FY XXXX		FY XXXX			Inactive Inv
Total:									Storage
Remarks: AIR CONDITIONER, VERTICAL, 36,000 BTU/MPi (B0013)									

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6610056				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): ENVIRONMENTAL CONTROL EQUIPMENT (B2641)				Admin Leadtime (after Oct 1): 4 Months				Prod Leadtime: 25 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				229						
Unit Cost				8.2						
Total Cost				1888.0						
Asset Dynamics										
Beginning Asset Position				498	498	663	498	498	498	498
Deliveries from: FY 1997 Funding						229				
Deliveries from: FY 1998 Funding										
Deliveries from: FY 1999 Funding										
Deliveries from Subsequent Years Funds										
Other Gains (FY96 Funding*)					165					
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions						394				
End of Year Asset Position				498	663	498	498	498	498	498
Inventory Objective or Current Authorized Allowance										
Inventory Objective 501		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: SMALL MOBILE WATER CHILLER (B2641) *165 units purchased in FY96 in BLI # 666900.										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6610056				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): ENVIRONMENTAL CONTROL EQUIPMENT (B1645)				Admin Leadtime (after Oct 1): 6 Months				Prod Leadtime: 17 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary					217	300				
Unit Cost					6.4	6.6				
Total Cost					1397.5	1972.5				
Asset Dynamics										
Beginning Asset Position				683	669	669	520	463	517	517
Deliveries from: FY 1997 Funding										
Deliveries from: FY 1998 Funding						80	137			
Deliveries from: FY 1999 Funding							240	60		
Deliveries from Subsequent Years Funds										
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions				14		229	434	6		
End of Year Asset Position				669	669	520	463	517	517	517
Inventory Objective or Current Authorized Allowance										
Inventory Objective 616		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: ENHANCED REFRIGERATION UNITS {ERU} (B1645)										

[illegible]

[illegible]

Exhibit P-40, Budget Item Justification Sheet

Date:

September 1997

Appropriation / Budget Activity/Serial No:

Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 057

P-1 Item Nomenclature:

BULK LIQUID EQUIPMENT (P66665)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty					12			120	91	86	CONT	CONT
Gross Cost	1.5				7.9			34.2	26.4	25.6	CONT	CONT
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1.5				7.9	0.0	0.0	34.2	26.4	25.6	CONT	CONT
Initial Spares	0.03					0.01	1.0					CONT
Total Proc Cost	1.5				7.9	0.01	1.0	34.2	26.4	25.6	CONT	CONT
Flyaway U/C												
Wpn Sys Proc U/C					.7			.3	.3	.3	CONT	CONT

FY 1998 funds procure the Hose Reel System which has a capability to rapidly lay Petroleum Hose in support of the Amphibious Assault Fuel System. This system will be the catalyst which enables the FSSG to expeditiously provide bulkfuel support to the MAGTF up to 20 miles inland. The components include Hose Reels with 6 inch diameter light weight hose, Hose Reel Bases, and a portable power unit. This Lightweight Hose can be laid by reel from an LVS, 900 series truck or forklift.

The FY 2001-2003 funds are for the 1500 GPH Reverse Osmosis Water Purification Unit (1500 ROWPU). This will provide the MAGTF with an enhanced capability to produce potable water from salt, brackish, fresh, and nuclear, biological, and chemical (NBC) contaminated water sources in both amphibious and expeditionary environment. A single 1500 ROWPU will produce more than twice the quantities of potable water within the same footprint, thereby permitting an outstanding replacement ratio of 1 1500 ROWPU for 2 ROWPUs reducing deployment footprint and lift requirements.

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 057			P-1 Line Item Nomenclature: BULK LIQUID EQUIPMENT (P66665)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID				FY 97			FY 98			FY 99		
	CD				TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
HOSE REEL SYSTEM (HRS)	A							7765	12	647083			
ILS SUPPORT								148					
TOTAL								7913					

Exhibit P-5a, Budget Procurement History and Planning										Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 057				Weapon System Type:			P-1 Line Item Nomenclature: BULK LIQUID EQUIPMENT (P66665)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
HOSE REEL SYSTEM (HRS) (B1139)	TBD	FP	MARCORSYSCOM	Aug-98	Apr-99	12	647083	YES	NO	Dec-97	
REMARKS:											

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 057				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): BULK LIQUID EQUIPMENT (P66665)				Admin Leadtime (after Oct 1): 10 Months				Prod Leadtime: 8 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary					12					
Unit Cost					647.1					
Total Cost					7765.0					
Asset Dynamics										
Beginning Asset Position							12	12	12	12
Deliveries from: FY 1997 Funding										
Deliveries from: FY 1998 Funding						12				
Deliveries from: FY 1999 Funding										
Deliveries from Subsequent Years Funds										
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions										
End of Year Asset Position						12	12	12	12	12
Inventory Objective or Current Authorized Allowance										
Inventory Objective 34		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: BULK LIQUID EQUIPMENT: HOSE REEL SYSTEM										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6666057				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): 1500 GPH ROWPU				Admin Leadtime (after Oct 1): 5 Months				Prod Leadtime: 23 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary								120	91	86
Unit Cost								0.3	0.3	0.3
Total Cost								34.2	26.4	25.6
Asset Dynamics										
Beginning Asset Position										
Deliveries from: FY 1997 Funding										
Deliveries from: FY 1998 Funding										
Deliveries from: FY 1999 Funding										
Deliveries from Subsequent Years Funds										90
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions										
End of Year Asset Position										90
Inventory Objective or Current Authorized Allowance										
Inventory Objective 297		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: Bulk Liquid Equipment: 1500 GPH ROWPU										

[illegible]

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 058						P-1 Item Nomenclature: ADVANCED DEMOLITIONS KIT (P66041)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty						174						174
Gross Cost						3.0						3.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)				0.0	0.0	3.0	0.0	0.0	0.0	0.0		3.0
Initial Spares												
Total Proc Cost						3.0						3.0
Flyaway U/C												0.0
Wpn Sys Proc U/C						0.020						0.020
<p>The Advanced Demolitions Kit (ADK) Remote Demolition Firing System is field programmable, fast firing, and has the ability to perform multiple demolitions simultaneous, or in rapid succession. The system also gives the operator the ability to set land charges and detonate them from an undetectable position. The long range of the system allows the operator to explode large volumes of explosives from safe standoff distances.</p>												

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 058			P-1 Line Item Nomenclature: ADVANCED DEMOLITIONS KIT (P66041)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
ADVANCED DEMOLITIONS KIT	A										2936	174	16874
ILS SUPPORT											68		
TOTAL											3004		
ACTIVE TOTAL											2498		
RESERVE TOTAL											506		

Exhibit P-5a, Budget Procurement History and Planning										Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 058				Weapon System Type:			P-1 Line Item Nomenclature: ADVANCED DEMOLITIONS KIT (P66041)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
ADVANCED DEMOLITIONS KIT	NAVAL AIR WARFARE CENTER INDIANAPOLIS, IND	C/OPTION	PICATINNY ARSENAL, NJ	Oct-98	Jan-99	174	16874	YES	NO	N/A	
REMARKS:											

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 058				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): ADVANCED DEMOLITIONS KIT (P66041)				Admin Leadtime (after Oct 1): 0 Months				Prod Leadtime: 3 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary						174				
Unit Cost						16.9				
Total Cost						2936.0				
Asset Dynamics										
Beginning Asset Position							120	174	174	174
Deliveries from: FY 1997 Funding										
Deliveries from: FY 1998 Funding										
Deliveries from: FY 1999 Funding						120	54			
Deliveries from Subsequent Years Funds										
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions										
End of Year Asset Position						120	174	174	174	174
Inventory Objective or Current Authorized Allowance										
Inventory Objective 174		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: ADVANCED DEMOLITIONS KIT										

[illegible]

[illegible]

Exhibit P-21, Production Schedule

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 059						P-1 Item Nomenclature: POWER EQUIPMENT, ASSORTED (P66900)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	7.1			8.5	3.6	5.2	6.0	4.8	5.1	4.9	CONT	CONT
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	7.1			8.5	3.6	5.2	6.0	4.8	5.1	4.9	CONT	CONT
Initial Spares				1.1								CONT
Total Proc Cost	7.1			9.6	3.6	5.2	6.0	4.8	5.1	4.9	CONT	CONT
Flyaway U/C												
Wpn Sys Proc U/C												
<p>This program includes all mobile electric power generators used by Fleet Marine Forces. Generator sizes and types range from 3KW to 100KW in both 60HZ and 400HZ. All generators are selected from the standard family of DoD mobile electric power sources and will be from the new series of "Tactical Quiet Generators (TQGs)".</p>												

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 059			P-1 Line Item Nomenclature: POWER EQUIPMENT, ASSORTED (P66900)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Generator Set 10KW/60HZ, MEP-803A, TAMCN B0891	A				2866	249	11510	2198	187	11754	1428	119	12000
Generator Set 30KW/60HZ, MEP-805A, TAMCN B0953	A				2569	174	14764	305	20	15250	1287	82	15695
Generator Set 60KW/60HZ MEP-806A, TAMCN B1021	A				896	50	17920	559	30	18633	940	49	19184
Generator Set 60KW/400HZ, MEP-816A, TAMCN B1016	A				910	44	20682	554	26	21308	416	19	21895
Electric Power Distribution Systems Mobile Electric Power Distribution System (MEPDS) 15/30/100Kw Generators	A				952	280	3400				1106	312	3544
TRAVEL					20			11			16		
Logistical Support					150								
NEW EQUIP TECH TRAINING					94								
TOTAL					8457			3627			5193		
INITIAL SPARES					891								
Active Total					8092			3394			4875		
Reserve Total					365			233			318		
Generator Set (Reserves) 10KW/60HZ, MEP-803A, TAMCN B0891					276	24	11510	141	12	11754	240	20	12000
Generator Set (Reserves) 30KW/60HZ, MEP-805A, TAMCN B0953					89	6	14764	92	6	15250	78	5	15695

Exhibit P-5a, Budget Procurement History and Planning									Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 059				Weapon System Type:		P-1 Line Item Nomenclature: POWER EQUIPMENT, ASSORTED (P66900)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
GENERATOR SET 10KW/60HZ (B0891)										
FY97	FERMONT/BRIDGEPORT	C/OPTION	ATCOM	Mar-97	Feb-99	249	11510	YES	NO	N/A
FY98	TBD	TBD	ATCOM	Mar-98	Feb-00	187	11754	YES	NO	N/A
FY99	TBD	TBD	ATCOM	Mar-99	Feb-01	119	12000	YES	NO	N/A
GENERATOR SET 30KW/60HZ (B0953)										
FY97	FERMONT/BRIDGEPORT	C/OPTION	ATCOM	Jan-97	Feb-99	174	14764	YES	NO	N/A
FY98	TBD	TBD	ATCOM	Mar-98	Feb-00	20	15250	YES	NO	N/A
FY99	TBD	TBD	ATCOM	Mar-99	Feb-01	82	15695	YES	NO	N/A
GENERATOR SET 60KW/60HZ (B1021)										
FY97	FERMONT/BRIDGEPORT	C/OPTION	ATCOM	Jan-97	Feb-99	50	17920	YES	NO	N/A
FY98	TBD	TBD	ATCOM	Mar-98	Feb-00	30	18633	YES	NO	N/A
FY99	TBD	TBD	ATCOM	Mar-99	Feb-01	49	19184	YES	NO	N/A
GENERATOR SET 60KW/400HZ (B1016)										
FY97	FERMONT/BRIDGEPORT	C/OPTION	ATCOM	Jan-97	Feb-99	44	20682	YES	NO	N/A
FY98	TBD	TBD	ATCOM	Mar-98	Feb-00	26	21308	YES	NO	N/A
FY99	TBD	TBD	ATCOM	Mar-99	Feb-01	19	21895	YES	NO	N/A
Electric Power Distribution Systems										
FY1997	UNICOR, WASHINGTON, DC	FFP	WASHINGTON, DC	Jul-97	Apr-98	280	3400	YES	NO	N/A
FY1999	UNICOR, WASHINGTON, DC	FFP	WASHINGTON, DC	Oct-98	Jan-99	312	3545	YES	NO	N/A
REMARKS:										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 059				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): POWER EQUIPMENT, ASSORTED (P66900)				Admin Leadtime (after Oct 1): 6 Months				Prod Leadtime: 23 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				249	187	119	148	167	195	173
Unit Cost				11.5	11.8	12.0	12.3	12.5	12.8	13.1
Total Cost				2866.0	2198.0	1428.0	1815.0	2093.0	2500.0	2274.0
Asset Dynamics										
Beginning Asset Position				942	942	1036	1036	1036	1036	1036
Deliveries from: FY 1997 Funding						120	129			
Deliveries from: FY 1998 Funding							120	67		
Deliveries from: FY 1999 Funding								119		
Deliveries from Subsequent Years Funds									148	167
Other Gains					94					
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions						120	249	186	148	167
End of Year Asset Position				942	1036	1036	1036	1036	1036	1036
Inventory Objective or Current Authorized Allowance										
Inventory Objective 1,454		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: GENERATOR SET, 10KW/60HZ, MEP 803A (B0891)										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6690059				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): POWER EQUIPMENT, ASSORTED (P66900)				Admin Leadtime (after Oct 1): 6 Months				Prod Leadtime: 23 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				174	20	82	62	59	60	59
Unit Cost				14.8	15.3	15.7	16.0	16.4	16.8	17.2
Total Cost				2570.0	305.0	1287.0	994.0	967.0	1006.0	1014.0
Asset Dynamics										
Beginning Asset Position				1216	1216	1234	1234	1234	1234	1234
Deliveries from: FY 1997 Funding						120	54			
Deliveries from: FY 1998 Funding							20			
Deliveries from: FY 1999 Funding								82		
Deliveries from Subsequent Years Funds									62	59
Other Gains					18					
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions						120	74	82	62	59
End of Year Asset Position				1216	1234	1234	1234	1234	1234	1234
Inventory Objective or Current Authorized Allowance										
Inventory Objective 1566		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: GENERATOR SET, 30KW/60HZ, MEP-805A, (B0953)										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6690059				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): POWER EQUIPMENT, ASSORTED (P66900)				Admin Leadtime (after Oct 1): 6 Months				Prod Leadtime: 23 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				50	30	49	61	60	59	54
Unit Cost				17.9	18.6	19.2	19.6	20.0	20.5	21.0
Total Cost				896.0	559.0	940.0	1196.0	1202.0	1209.0	1135.0
Asset Dynamics										
Beginning Asset Position				867	867	877	877	877	877	877
Deliveries from: FY 1997 Funding						50				
Deliveries from: FY 1998 Funding							30			
Deliveries from: FY 1999 Funding								49		
Deliveries from Subsequent Years Funds									61	60
Other Gains					10					
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions						50	30	49	61	60
End of Year Asset Position				867	877	877	877	877	877	877
Inventory Objective or Current Authorized Allowance										
Inventory Objective 1033		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: GENERATOR SET, 60KW/60HZ, MEP-806A (B1021)										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6690059				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): POWER EQUIPMENT, ASSORTED (P66900)				Admin Leadtime (after Oct 1): 6 Months				Prod Leadtime: 23 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				44	26	19	14	14		19
Unit Cost				20.7	21.3	21.9	22.4	22.9		24.0
Total Cost				910.0	554.0	416.0	313.0	320.0		456.0
Asset Dynamics										
Beginning Asset Position				334	334	350	350	350	350	350
Deliveries from: FY 1997 Funding						44				
Deliveries from: FY 1998 Funding							26			
Deliveries from: FY 1999 Funding								19		
Deliveries from Subsequent Years Funds									14	14
Other Gains					16					
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions						44	26	19	14	14
End of Year Asset Position				334	350	350	350	350	350	350
Inventory Objective or Current Authorized Allowance										
Inventory Objective 350		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: GENERATOR SET, 60KW/400HZ, MEP-816A (B1016)										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6690059				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): POWER EQUIPMENT, ASSORTED (P66900)				Admin Leadtime (after Oct 1): 6 Months				Prod Leadtime: 23 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				280		312				
Unit Cost				3.4		3.5				
Total Cost				952.0		1106.0				
Asset Dynamics										
Beginning Asset Position				794	794	925	1203	1203	1203	1203
Deliveries from: FY 1997 Funding					131	149				
Deliveries from: FY 1998 Funding										
Deliveries from: FY 1999 Funding						234	78			
Deliveries from Subsequent Years Funds										
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions						105	78			
End of Year Asset Position				794	925	1203	1203	1203	1203	1203
Inventory Objective or Current Authorized Allowance										
Inventory Objective 1415		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: MOBILE ELECTRIC POWER DISTRIBUTION SYSTEM (MEPDS)										

FY 1998 / FY 1999 BUDGET PRODUCTION SCHEDULE							POWER EQUIPMENT, ASSORTED (P66900)																								September 1997	
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 96												Fiscal Year 97												LATER	
							Calendar Year 96												Calendar Year 97													
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
GEN SET 10KW/60HZ		1997	M	249	0	249																									249	
GEN SET 10KW/60HZ		1998	M	187	0	187																									187	
GEN SET 10KW/60HZ		1999	M	119	0	119																									119	
GEN SET 30KW/60HZ		1997	M	174	0	174																A									174	
GEN SET 30KW/60HZ		1998	M	20	0	20																									20	
GEN SET 30KW/60HZ		1999	M	82	0	82																									82	
GEN SET 60KW/60HZ		1997	M	50	0	50																A									50	
GEN SET 60KW/60HZ		1998	M	30	0	30																									30	
GEN SET 60KW/60HZ		1999	M	49	0	49																									49	
GEN SET 60KW/400HZ		1997	M	44	0	44																A									44	
GEN SET 60KW/400HZ		1998	M	26	0	26																									26	
GEN SET 60KW/400HZ		1999	M	19	0	19																									19	
MEPDS		1997	M	280	0	280																							A		280	
MEPDS		1999	M	312	0	312																									312	
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
MFR	NAME / LOCATION		PRODUCTION RATES			REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS																				
			MIN.	1-8-5	MAX.			Prior 1 Oct. After 1 Oct.																								
	FERMONT, BRIDGEPORT		VARIOUS	VARIOUS	VARIOUS		INITIAL																									
	TBD		VARIOUS	VARIOUS	VARIOUS		REORDER	0	6	23	29																					
							INITIAL																									
							REORDER	0	6	23	29																					
							INITIAL																									
							REORDER																									
							INITIAL																									
							REORDER																									
							INITIAL																									
							REORDER																									

FY 1998 / FY 1999 BUDGET PRODUCTION SCHEDULE							POWER EQUIPMENT, ASSORTED (P66900)																								September 1997	
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 98												Fiscal Year 99												LATER	
							Calendar Year 98												Calendar Year 99													
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
GEN SET 10KW/60HZ		1997	M	249	0	249																	40			40			40		129	
GEN SET 10KW/60HZ		1998	M	187	0	187					A																				187	
GEN SET 10KW/60HZ		1999	M	119	0	119																	A								119	
GEN SET 30KW/60HZ		1997	M	174	0	174																	40			40			40		54	
GEN SET 30KW/60HZ		1998	M	20	0	20					A																				20	
GEN SET 30KW/60HZ		1999	M	82	0	82																	A								82	
GEN SET 60KW/60HZ		1997	M	50	0	50																	20			20			10			
GEN SET 60KW/60HZ		1998	M	30	0	30					A																				30	
GEN SET 60KW/60HZ		1999	M	49	0	49																	A								49	
GEN SET 60KW/400HZ		1997	M	44	0	44																	44									
GEN SET 60KW/400HZ		1998	M	26	0	26					A																				26	
GEN SET 60KW/400HZ		1999	M	19	0	19																	A								19	
MEPDS		1997	M	280	0	280						16	23	23	23	23	23	23	23	23	23	22	28	30								
MEPDS		1999	M	312	0	312												A				26	26	26	26	26	26	26	26	26	78	
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
MFR	PRODUCTION RATES					REACHED D +	MFR Number	ADMIN LEAD TIME		MFR After 1 Oct.	TOTAL After 1 Oct.	REMARKS																				
	NAME / LOCATION	MIN.	1-8-5	MAX.				Prior 1 Oct.	After 1 Oct.																							
	FERMONT, BRIDGEPORT	VARIOUS	VARIOUS	VARIOUS			INITIAL																									
	TBD	VARIOUS	VARIOUS	VARIOUS			REORDER	0	6	23	29																					
							INITIAL																									
							REORDER	0	6	23	29																					
							INITIAL																									
							REORDER																									
							INITIAL																									
							REORDER																									
							INITIAL																									
							REORDER																									

FY 1998 / FY 1999 BUDGET PRODUCTION SCHEDULE							POWER EQUIPMENT, ASSORTED (P66900)																September 1997									
COST ELEMENTS		M F R	FY	S E R V	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 00												Fiscal Year 01												L A T E R
								Calendar Year 00												Calendar Year 01												
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
	GEN SET 10KW/60HZ		1997	M	249	120	129		40				40			40			9													
	GEN SET 10KW/60HZ		1998	M	187	0	187						40			40			40			27										
	GEN SET 10KW/60HZ		1999	M	119	0	119														40			40		39						
	GEN SET 30KW/60HZ		1997	M	174	120	54		40			14																				
	GEN SET 30KW/60HZ		1998	M	20	0	20					20																				
	GEN SET 30KW/60HZ		1999	M	82	0	82														40			42								
	GEN SET 60KW/60HZ		1997	M																												
	GEN SET 60KW/60HZ		1998	M	30	0	30					30																				
	GEN SET 60KW/60HZ		1999	M	49	0	49														40			9								
	GEN SET 60KW/400HZ		1997	M																												
	GEN SET 60KW/400HZ		1998	M	26	0	26					26																				
	GEN SET 60KW/400HZ		1999	M	19	0	19														19											
	MEPDS		1999	M	312	234	78	26	26	26																						
M F R	NAME / LOCATION	PRODUCTION RATES					REACHED D +	MFR Number			ADMIN LEAD TIME				MFR	TOTAL	REMARKS															
		MIN.	1-8-5	MAX.						Prior 1 Oct.				After 1 Oct.				After 1 Oct.	After 1 Oct.													
	FERMONT, BRIDGEPORT	VARIOUS	VARIOUS	VARIOUS				INITIAL																								
	TBD	VARIOUS	VARIOUS	VARIOUS				REORDER		0				6				23	29													
								INITIAL																								
								REORDER		0				6				23	29													
</																																

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 060						P-1 Item Nomenclature: SHOP EQUIPMENT CONTACT MAINTENANCE (P66277)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty						52	47					99
Gross Cost						6.1	5.5					11.6
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)						6.1	5.5					11.6
Initial Spares												
Total Proc Cost						6.1	5.5					11.6
Flyaway U/C												
Wpn Sys Proc U/C												

Funds in this budget line are used to procure the Shop Equipment, Contact Maintenance (SECM).

The SECM consists of a High Mobility Multi-Purpose Wheeled Vehicle-HeavyVariet (HMMWV), TAMCN M1097, with a Tool & Equipment shelter mounted on the rear of the vehicle that is loaded with hand tools and equipment.

The tool load is primarily mechanics hand tools, such as wrenches, pliers, hammers, socket sets, ect. The equipment load consists of pullers, bench vice, grinders, electric drills, Gas Metal-Arc (MIG) Welding, Oxy-Accetylene Welder, battery charger, working lights, ect.

The SECM supports the "fix as far forward as possible" maintenance concept. The mission involves a team of mechanics with a tool/equipment load, plus required repair parts, that travel to the site of disabled combat vehicles/equipment, as far forward as the tactical situation allows without subjecting the team to direct enemy fire. The mechanical team makes repairs or assists the crew/unit repairer to allow equipment to continue its mission, either fully operational, or in degraded mode, or return to base without the assistance of a recovery vehicle. Repairs are performed in all weather, light, and climatic conditions and on all types of Marine Corps equipment.

The SECM will replace the current Contact Maintenance Vehicle, TAMCN A1945 which is a commercial vehicle that has reached the end of its service life.

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 060			P-1 Line Item Nomenclature: SHOP EQUIPMENT CONTACT MAINTENANCE (P66277)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
SHOP EQUIPMENT, CONTACT MAINT.	A										6084	52	117008
TOTAL											6084		

Exhibit P-5a, Budget Procurement History and Planning										Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 060				Weapon System Type:			P-1 Line Item Nomenclature: SHOP EQUIPMENT CONTACT MAINTENANCE (P66277)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
SHOP EQUIPMENT, CONTACT MAINT. FY 99	ROCK ISLAND ARSENAL	MIPR	ROCK ISLAND ARSENAL	Dec-98	Jul-99	52	117008	YES	N/A	N/A	
REMARKS:											

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 060				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): SHOP EQUIPMENT CONTACT MAINTENANCE (P66277)				Admin Leadtime (after Oct 1): 2 Months				Prod Leadtime: 9 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary						52	47			
Unit Cost						117.0	117.0			
Total Cost						6084.0	5500.0			
Asset Dynamics										
Beginning Asset Position										
Deliveries from: NGREA FY 1997 Funding					21					
Deliveries from: FY 1998 Funding										
Deliveries from: FY 1999 Funding						30	22			
Deliveries from Subsequent Years Funds								47		
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions										
End of Year Asset Position					21	51	73	120		
Inventory Objective or Current Authorized Allowance				120	120	120	120	120	120	120
Inventory Objective 120		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 063						P-1 Item Nomenclature: COMMAND SUPPORT EQUIPMENT (P66001)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	4.9			0.5	0.6	0.5	0.5	0.5	0.4	0.6		8.4
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	4.9			0.5	0.6	0.5	0.5	0.5	0.4	0.6		8.4
Initial Spares												
Total Proc Cost	4.9			0.5	0.6	0.5	0.5	0.5	0.4	0.6		8.4
Flyaway U/C												
Wpn Sys Proc U/C												

This program covers the procurement of plant investment items for the support of ground bases, air stations and Marine Corps Districts. This program provides equipment for the following functional CATEGORIES:

- Environmental Equipment
- Office Equipment
- Utilities Equipment
- General Purpose Equipment
- Industrial Plant Equipment
- Miscellaneous Plant Property for new buildings

Equipment required for the Command Support Equipment program, either initial outfitting or replacement, is essential for use in the manufacture of supplies, performance of services, administrative and general plant use, and environmental improvement.

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 063			P-1 Line Item Nomenclature: COMMAND SUPPORT EQUIPMENT (P66001)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Buildings and Grounds													
Boiler Monitor								180	1	180000			
Bridge Crane													
Shredder								183	1	183000			
Generator								125	1	125000			
Maintance Equipment													
Grinder											293	2	146500
Office Equipment													
Printer													
Engineering Copier													
Master Mailer													
General Purpose Equipment													
Vehicle Washer											125	1	125000
Waste Pulper													
Boat					118	1	118000						
Environmental													
HazMat Storage								125	1	125000			
Spectrometer											106	1	106000
Trailers													
Aquestic Sound Module					107	1	107000						
Misc Property for New Buildings													
Bleachers													
UPS Generator					250	1	250000						
TOTAL					475			613			524		

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 064						P-1 Item Nomenclature: AMPHIBIOUS RAID EQUIPMENT (P66006)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	2.3			0.3	0.0	3.8	1.5	1.5	1.6	1.6	Cont.	Cont.
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	2.3			0.3	0.0	3.8	1.5	1.5	1.6	1.6	Cont.	Cont.
Initial Spares												
Total Proc Cost	2.3			0.3	0.0	3.8	1.5	1.5	1.6	1.6	Cont.	Cont.
Flyaway U/C												
Wpn Sys Proc U/C												
<p>The Amphibious Raid Equipment Line provides low density equipment in support of Amphibious Raid, Reconnaissance, and Riverine Operations. It was established because of the peculiar equipment required to conduct the special missions of the MEU (SOC). These missions include over the horizon amphibious raids, hostage rescue, special demolition's operations, close quarters battle, gas and oil platform seizures, maritime interdiction and riverine operations. This unique equipment is required to support the Maritime Special Purpose Force (MSPF). Current technology is identified in the commercial, non-developmental market to fulfill validated requirements. These items are centrally managed and supported.</p>												

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 064			P-1 Line Item Nomenclature: AMPHIBIOUS RAID EQUIPMENT (P66006)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Underwater Breathing Apparatus	A										911	134	6800
UBA Accessories	A				82								
Combat Rubber Reconnaissance Craft (CRRC)	A				153	7	21857				2882	109	26450
Program Support					42								
					</								

Exhibit P-5a, Budget Procurement History and Planning								Date: September 1997			
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 064				Weapon System Type:			P-1 Line Item Nomenclature: AMPHIBIOUS RAID EQUIPMENT (P66006)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
Underwater Breathing Apparatus FY 99	Natl Draeger Pitts, PA	C-FFP	Coastal Systems Str	Feb-99	Jun-99	134	6800	Yes	No		
Combat Rubber Reconnaissance Craft (CRRC) FY 97 FY 99	Zodiac, MD N / A	C-FFP MILSTRIP	ATCOM MCLB ALBANY	Jul-97 Mar-99	Dec-97 Jul-99	7 109	21857 26450	Yes Yes	No No		

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 064				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): AMPHIBIOUS RAID EQUIPMENT (P66006) C4185(Underwater Breathing Apparatus)				Admin Leadtime (after Oct 1): 4 Months				Prod Leadtime: 4 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary						134	53	56	55	57
Unit Cost						6.8	6.9	7.1	7.2	7.4
Total Cost						911	368	396	397	420
Asset Dynamics										
Beginning Asset Position				517	517	517	429	517	517	517
Deliveries from: FY 1997 Funding										
Deliveries from: FY 1998 Funding										
Deliveries from: FY 1999 Funding						46	88			
Deliveries from Subsequent Years Funds							53	56	55	57
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions						134	53	56	55	57
End of Year Asset Position				517	517	429	517	517	517	517
Inventory Objective or Current Authorized Allowance				517	517	517	517	517	517	517
Inventory Objective 517		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6600064				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): CRRC C5901				Admin Leadtime (after Oct 1): 1 Months				Prod Leadtime: 4 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				7		109	42	42	42	42
Unit Cost				22		26	27	28	28	29
Total Cost				153		2882	1136	1147	1185	1206
Asset Dynamics										
Beginning Asset Position				356	318	273	255	304	301	298
Deliveries from: FY 1997 Funding				7						
Deliveries from: FY 1998 Funding										
Deliveries from: FY 1999 Funding						27	82			
Deliveries from Subsequent Years Funds							12	42	42	42
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions				45	45	45	45	45	45	45
End of Year Asset Position				318	273	255	304	301	298	295
Inventory Objective or Current Authorized Allowance				366	366	366	366	366	366	366
Inventory Objective 366		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: <div style="text-align: center;">Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 065</div>						P-1 Item Nomenclature: <div style="text-align: center;">PHYSICAL SECURITY (P66003)</div>						
Program Elements for Code B Items:				Code:		Other Related Program Elements:						
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	4.8			6.0	1.5	1.9	5.8	4.8	4.9	4.9	CONT	CONT
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	4.8			6.0	1.5	1.9	5.8	4.8	4.9	4.9	CONT	CONT
Initial Spares					0.1		0.4					0.6
Total Proc Cost	4.8			6.0	1.7	1.9	6.2	4.8	4.9	4.9	CONT	CONT
Flyaway U/C												
Wpn Sys Proc U/C												
<p>This budget line provides funding to procure investment items, devices and systems necessary for Marine Corps installations and facility infrastructure to comply with Congressional, White House Military Office, DOD, DON, Marine Corps Physical Security and Antiterrorism Directives pertaining to security equipment and electronic security systems as technological solutions to manpower intensive security requirements; and, to provide a systematic, uniform capability throughout Marine Corps installations to deter, delay, and defeat espionage, sabotage, damage, theft, and terrorist acts against Marine Corps personnel, resources, installations and facilities. These systems are used at base flight lines and Arms, Ammunition and Explosive (AA&E) sites.</p> <p>This program funds physical security systems that include, but are not limited to, intrusion detection systems (IDS), automated entry control systems, assessment devices, closed-circuit television other surveillance equipment, and capital plant equipment specifically designed for physical security in military construction (MILCON) projects.</p> <p>These systems upgrade and replace antiquated systems that are costly to maintain and upgrade security in neglected areas.</p> <p>FY 2000 through 2003 funds will be used to procure the following:</p> <p>a. The Attended Sensor System is a non-tactical, portable intrusion detection system which provides an upgrade assessment capability to identify intruders. It allows military police to secure a large area with limited personnel. These systems allow installation commanders the ability to detect and identify intruders during periods of increased terrorist/criminal activity.</p> <p>b. The Intrusion Detection System will be used to upgrade and install new IDS systems on both the east and west coast bases. The upgrades will include CCTV installation, access control, duress alarms for gates and VIP quarters, the conversion from old IDS systems at armories, pharmacies and postal facilities.</p>												

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 065			P-1 Line Item Nomenclature: PHYSICAL SECURITY (P66003)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Automated Entry Control System/IDS					5979	3	Various	1514	2	Various	1891	3	Various
TOTAL					5979			1514			1891		

Exhibit P-5a, Budget Procurement History and Planning									Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 065			Weapon System Type:			P-1 Line Item Nomenclature: PHYSICAL SECURITY (P66003)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 1997 Automated Entry Control System/IDS	TRACOR Chesapeake, VA	C/IQTM	NISE East	Jan-97	Dec-97	3	Various	Yes	No	N/A
FY 1998 IDS Upgrades	TRACOR Chesapeake, VA	C/IQTM	NISE East	Jan-98	Dec-98	2	Various	Yes	No	N/A
FY 1999 IDS Upgrades	TRACOR Chesapeake, VA	C/IQTM	NISE East	Jan-99	Dec-99	3	Various	Yes	No	N/A
REMARKS: The quantity refers to the estimated number of installations vice number of systems. NISE East - Naval Command, Control and Ocean Surveillance Center In-Service Engineering East Coast Division located at Charleston, S.C.										

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 066						P-1 Item Nomenclature: GARRISON MOBILE ENGINEER EQUIPMENT (P66004)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	10.7			5.1	3.0	5.6	5.8	6.0	6.1	6.3		57.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	10.7			5.1	3.0	5.6	5.8	6.0	6.1	6.3		57.3
Initial Spares												
Total Proc Cost	10.7			5.1	3.0	5.6	5.8	6.0	6.1	6.3		57.3
Flyaway U/C												
Wpn Sys Proc U/C												

Funds in this line are intended for the procurement of centrally managed Garrison Mobile Engineer Equipment (GMEE) for Marine Corps Bases and Stations. The replacement has been developed on an as-required basis because most commercial engineer construction equipment exceeds life expectancy.

The equipment types included in this category are: motor graders, crawler tractors, wheel tractors, crash cranes and generators of various sizes and capabilities. The procurement source is Defense Supply Construction Center (DSCC).

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 066			P-1 Line Item Nomenclature: GARRISON MOBILE ENGINEER EQUIPMENT (P66004)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID				FY 97			FY 98			FY 99		
	CD				TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Compressor, Air 105-125 CFM					29	2	14500				15	1	15000
Compressor, Air 126-250 CFM					68	5	13600	28	2	14000	84	6	14000
Excavator, Multipurpose					368	2	184000	564	3	188000	577	3	192333
Road Grader					686	6	114333				598	5	119600
Scoop Loader, Tracked					119	1	119000				249	2	124500
Scoop Loader, Wheeled					224	4	56000				176	3	58667
Scoop Loader, Wheeled, 5 CUYD					211	1	211000	216	1	216000	220	1	220000
Roller, Vibrating											49	2	24500
Bulldozer, 105 Flywheel HP					163	1	163000	166	1	166000	170	1	170000
Bulldozer, 140 Flywheel HP					196	2	98000	100	1	100000	103	1	103000
Bulldozer, 195 Flywheel HP					343	2	171500	175	1	175000	359	2	179500
Welder, Electric					65	7	9286				49	5	9800
Pump Diaphram					9	3	3000				6	2	3000
Sweeper, Runway					364	5	72800				228	3	76000
Cleaner, Catch Basin					475	2	237500				249	1	249000
Mower, Self-Propelled					91	5	18200				76	4	19000
Tractor, Agriculture, 30 DBH					126	6	21000				110	5	22000
Tractor, Industrial, 50 DBH					171	7	24429				154	6	25667
Tractor, Industrial, 70 DBH					21	1	21000						
Tractor, Industrial, Backhoe					263	6	43833				230	5	46000
Sweeper, Street					130	2	65000				68	1	68000
Crane, Truck Mounted, 5-20T					342	1	342000	349	1	349000	715	2	357500
Crane, Truck Mounted 35-T					444	1	444000	454	1	454000	928	2	464000
Crane, Hydraulic 20-30T					190	1	190000	194	1	194000	199	1	199000
Crane, CFR, Salvage								752	2	376000			
TOTAL					5098			2998			5612		

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 068						P-1 Item Nomenclature: WAREHOUSE MODERNIZATION (P66342)						
Program Elements for Code B Items:				Other Related Program Elements:								
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	8.8			1.1	1.6	1.5	1.4	1.4	1.4	1.5	CONT	CONT
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	8.8			1.1	1.6	1.5	1.4	1.4	1.4	1.5	CONT	CONT
Initial Spares												
Total Proc Cost	8.8			1.1	1.6	1.5	1.4	1.4	1.4	1.5	CONT	CONT
Flyaway U/C												
Wpn Sys Proc U/C												

This modernization program provides equipment which provides a better work flow, maximum use of storage space, upgrading of storage aids, modern perservation packaging, and packing facilities which is essential to the efficiency and economy of storage operations. The objective of the storage and warehouse modernization program is to provide support to the customer, providing positive and timely support to deployment actions.

Warehouse Modernization equipment provides for the procurement of rack, bin and bulk storage systems; narrow-isle materials handling equipment to maximize the utilization of cubic storage space; and automatic material handling systems and related equipment to provide efficient movement of material at the lowest cost in labor. Storage systems which maximize the utilization of cubic storage space and reduces the need for additional warehouse space.

This line modernizes warehouse by project, as requested by field activities.

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 068			P-1 Line Item Nomenclature: WAREHOUSE MODERNIZATION (P66342)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID				FY 97			FY 98			FY 99		
	CD				TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Procure modern and efficient rack, bin, and bulk storage systems, material handling equipment and PP&P equipment and upgrade storage systems which meet threshold criteria.					1081			1584			1523		
TOTAL					1081			1584			1523		

Exhibit P-5a, Budget Procurement History and Planning									Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 068				Weapon System Type:		P-1 Line Item Nomenclature: WAREHOUSE MODERNIZATION (P66342)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Procure modern and efficient rack, bin, and bulk storage systems, material handling equipment and PP&P equipment and upgrade storage systems which meet threshold criteria.										
FY97	Various	C/PPP	Various	Various	Various		Various	N/A	N/A	N/A
FY98	Various	C/PPP	Various	Various	Various		Various	N/A	N/A	N/A
FY99	Various	C/PPP	Various	Various	Various		Various	N/A	N/A	N/A
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet

Date:

September 1997

Appropriation / Budget Activity/Serial No:

Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 069

P-1 Item Nomenclature:

MATERIAL HANDLING EQUIPMENT (P66726)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	9.1			3.1	5.2	6.6	6.7	6.9	7.1	7.4		52.1
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	9.1			3.1	5.2	6.6	6.7	6.9	7.1	7.4		52.1
Initial Spares												
Total Proc Cost	9.1			3.1	5.2	6.6	6.7	6.9	7.1	7.4		52.1
Flyaway U/C												
Wpn Sys Proc U/C												

The Material Handling Equipment (MHE) line is a roll-up line that funds for the replacement of centrally managed forklifts, warehouse cranes, platform trucks. The replacement program has been developed on an as required basis since history has proven that many items of MHE have been maintained beyond the life expectancies developed and promulgated by DOD directives. This equipment is procured through Defense Construction Supply Center (DCSC), Columbus, Ohio. Also included in this roll-up line is funding to provide the required number of units to fill deficiencies for the Extended Boom Forklift and replace the Marine Corps aging and worn-out inventory of buckets and fork attachments used with the Tractor, Rubber Tired, Articulated Steering, Multi-Purpose (TRAM).

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 069			P-1 Line Item Nomenclature: MATERIAL HANDLING EQUIPMENT (P66726)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
MATERIAL HANDLING EQUIPMENT (I&L)					3062			2480			3858		
MATERIAL HANDLING EQUIPMENT (SYSCOM)								2761			2716		
TOTAL					3062			5241			6574		

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 069			P-1 Line Item Nomenclature: MATERIAL HANDELING EQUIPMENT			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID				FY 97			FY 98			FY 99		
	CD				TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Material Handling Equipment (I&L)													
Forklift, Fuel 4000 lb					1097	50	21940	540	24	22500	920	40	23000
Forklift, Fuel 6000 lb					1281	49	26143	321	12	26750	1809	66	27409
Forklift, Fuel 15000 lb					58	1	58000	237	4	59250	364	6	60667
Forklift, Fuel 10000 lb					93	1	93000	95	1	95000	195	2	97500
Forklift, Electric 4000 lb					47	2	23500	96	4	24000	73	3	24333
Forklift, Electric 6000 lb					30	1	30000	92	3	30667	156	5	31200
Tractor, Warehouse Fuel 4000 lb					147	12	12250	50	4	12500	64	5	12800
Crane, Warehouse Fuel 10000 lb					68	1	68000	139	2	69500	71	1	71000
Pallet, Truck Electric Nontiering					26	3	8667	18	2	9000	37	4	9250
Pallet, Truck Electric Tiering								37	2	18500	19	1	19000
Forklift, R/T 6000 lb					215	3	71667				150	2	75000
Forklift, Fuel, 92500								855	2	427500			
Material Handlingf Equipment (SYSCOM)													
Extended Boom Forklift								2679	24	111640	2632	23	114417
Forklift Attachment 10K (TRAM)								82	11	7455	84	11	7627
TOTAL					3062			5241			6574		

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 070						P-1 Item Nomenclature: FIRST DESTINATION TRANSPORTATION (P66992)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	7.5			2.2	1.4	1.9	1.7	7.5	12.2	11.5		45.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	7.5			2.2	1.4	1.9	1.7	7.5	12.2	11.5		45.9
Initial Spares												
Total Proc Cost	7.5			2.2	1.4	1.9	1.7	7.5	12.2	11.5		45.9
Flyaway U/C												
Wpn Sys Proc U/C												
<p>This program provides logistics support for planned quantities of materials and end items procured under the PMC appropriation to be shipped from manufacturers and/or suppliers to the Marine Corps users or facilities. All transportation included in this program is provided by commercial or industriallly funded DoD transportation services.</p>												

Exhibit P-5, Weapon WPN SYST Cost Analysis			Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 070			P-1 Line Item Nomenclature: FIRST DESTINATION TRANSPORTATION (P66992)			Weapon System Type:			Date: September 1997	
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
First Destination Transporation					2210			1396			1899		
TOTAL					2210			1396			1899		

Exhibit P-40, Budget Item Justification Sheet								Date: September-97				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 071						P-1 Item Nomenclature: FIELD MEDICAL EQUIPMENT (P66370)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	4.4			10.0	1.1	2.2	3.3	4.0	3.8	3.5		31.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	4.4			10.0	1.1	2.2	3.3	4.0	3.8	3.5		31.0
Initial Spares												
Total Proc Cost	4.4			10.0	1.1	2.2	3.3	4.0	3.8	3.5		31.0
Flyaway U/C												
Wpn Sys Proc U/C												

Field Medical Equipment provides equipment for the three Marine expeditionary forces, the Marine prepositioned ships and the Norway Geo-prepositioned ships and the Norway Airlanded Marine Expeditionary Brigade (NALM) Program. The item procured in FY96 is the field anesthesia machine. The field anesthesia marchine provides newer technology with additional Patient safegaurds against delivering too much or too little anesthesia to Marine casualties. Without the proper safeguards, a Marine may receive too little oxygen to the brain thus increasing potential for patient mortality.

The FY97 funds procured equipment to stand up the Chemical/Biological Incident Response Force (CBIRF) and to overcome, basic capability shortfalls in detection, monitoring, and decontamination of toxic industrial and military chemical and biological agents. The program will provide adquate individual protective equipment for adequate protective equipment for CBIRF personel, communications equipment, medical equipment for patient care and handling and patient care and handling and other necessary support equipment.

The Stabilization Evacuation Platform to be procured in FY98 and FY99 provides life stabilizing therapies and environmental protection for the combat casualty near the battlefield, and "care in the air" capability not currently available in rescue aircraft in rescue aircraft. The platform will interface with the current medical evacuation vehicles. A secondary program objective is to demonstrate that these battlefield capabilities will stimulate similar products for civilian health care applications. Patient and system status can be interrogated and controlled via remote communication. The ultimate product will be a mini-intensive care unit consisting of a self-contained evacuation platform for life support.

Exhibit P-5, Weapon WPN SYST Cost Analysis				Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 071			P-1 Line Item Nomenclature: FIELD MEDICAL EQUIPMENT (P66370)			Weapon System Type:		Date: September 1997	
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
CBIRF EQUIPMENT					10000	Misc	Various						
STABILIZATION EVACUATION PLATFORM								1081	11	98273	2225	22	101136
TOTAL					10000			1081			2225		

Exhibit P-5a, Budget Procurement History and Planning								Date: September 1997			
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 071				Weapon System Type:		P-1 Line Item Nomenclature: FIELD MEDICAL EQUIPMENT (P66370)					
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$OOO	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
FY97 CBIRF Equipment	VARIOUS	SS/FFP	MCSC	VARIOUS	VARIOUS	VARIOUS	VARIOUS	N/A	N/A	N/A	
FY98 Stabilization Evacuation Platform	MILSTRIP	FP	MARCORSYSCOM	Feb-98	Apr-98	11	98273	YES	NO	N/A	
FY99 Stabilization Evacuation Platform	MILSTRIP	FP	DPSC/NMLC	Feb-99	Apr-99	22	101136	YES	NO	N/A	
REMARKS: Change in quantity and unit price in FY 1998 and FY 1999 reflects correction to report "unit" vice "component procurement".											

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 071				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): FIELD MEDICAL EQUIPMENT (P66370)				Admin Leadtime (after Oct 1): 4 Months				Prod Leadtime: 17 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary					10	20	21	21	22	23
Unit Cost					0.1	0.1	0.1	0.1	0.1	0.1
Total Cost					1.1	2.2	2.3	2.4	2.4	2.5
Asset Dynamics										
Beginning Asset Position										
Deliveries from: FY 1997 Funding										
Deliveries from: FY 1998 Funding						10				
Deliveries from: FY 1999 Funding							20			
Deliveries from Subsequent Years Funds								21	21	22
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions										
End of Year Asset Position						10	20	21	21	22
Inventory Objective or Current Authorized Allowance										
Inventory Objective 120		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: Stabilization Evacuation Platform										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6637071				Date: September-97		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items): FIELD MEDICAL EQUIPMENT (66370)				Admin Leadtime (after Oct 1): 11 Months				Prod Leadtime: 23 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary										
Unit Cost										
Total Cost										
Asset Dynamics										
Beginning Asset Position					26	53				
Deliveries from: FY 1997 Funding										
Deliveries from: FY 1998 Funding										
Deliveries from: FY 1999 Funding										
Deliveries from Subsequent Years Funds										
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions										
End of Year Asset Position					26	53				
Inventory Objective or Current Authorized Allowance										
Inventory Objective 79		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks: Field Anesthesia Machine										

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997					
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 072								P-1 Item Nomenclature: TRAINING DEVICES/SIMULATORS (P66445)					
Program Elements for Code B Items:				Code:		Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog	
Proc Qty													
Gross Cost	103.2			47.8	5.9	3.4	23.1	19.1	39.1	48.4	Cont	Cont	
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc (P-1)	103.2			47.8	5.9	3.4	23.1	19.1	39.1	48.4	Cont	Cont	
Initial Spares	2.8			0.8	3.8	0.2					Cont	Cont	
Total Proc Cost	103.2			48.6	9.8	3.6	23.1	19.1	39.1	48.4	Cont	Cont	
Flyaway U/C													
Wpn Sys Proc U/C													

REMOTED TARGET SYSTEM: FY 96 and FY 97 funds will provide various types of Remoted Target System ranges to the Marine Corps Air Ground Combat Center, 29 Palms, Camp Pendleton, and Camp Lejeune. These automated, computer controlled ranges will provide realistic training for both individual infantryman and crews of armored vehicles in both offensive and defensive combat shooting skills heretofore learned only in actual combat.

MINOR TRAINING DEVICES/SIMULATORS: These items are commercially nondevelopmental training devices and other service minor training devices for use by Marine Corps Schools, operating forces, bases and stations.

AUDIOVISUAL EQUIPMENT: Provides equipment required by the Training and Audiovisual Support Centers (TAVSC) for audiovisual productions. Items replace worn out, unserviceable and/or obsolete equipment. Requirements are based on a centrally managed program for 19 TAVSC's throughout the Marine Corps. Procurements are centrally managed and are nondevelopmental, off-the-shelf.

MULTIPLE INTEGRATED LASER ENGAGEMENT SYSTEM (MILES): Provides a family of low power, eye safe lasers which simulates the direct fire characteristics of infantry assault, armor, anti-armor mechanized weapons system and provides the gunner with hit or miss determination. MILES is designed to be used by MAGTF as a force-on-force engagement simulation training system. The Marine Corps Master Plan (MCMP) signed by the Commandant of the Marine Corps mandates that the lowest level of force-on-force training shall be at the battalion vice company level.

NOTE: A battalion set includes MILES Precision Gunnery System (for the LAV), MILES TWGSS (for the tanks), and MILES 2000 (for infantry).

Exhibit P-40C Budget Item Justification Sheet		Date September 1997
Appropriation / Budget Activity/Serial No. Procurement, Marine Corps /Engineer and Other Equipment / P6644072		P-1 Item Nomenclature TRAINING DEVICES /SIMULATORS (P66445)
Program Elements for Code B Items	Code	Other Related Program Elements
<p>INFANTRY SQUAD TRAINER (IST): Provides basic and sustained marksmanship training consisting of qualification ranges, shoot/no-shoot and squad combat scenarios. The Infantry Squad Trainer consists of 12 firing positions, one instructor station, and one visual display system . Weapons modeled include simulated M16A2, shotgun, HKMP-5, 240G, SAW, MK-19, M-203, AT-4, 50 cal machine gun, M-9, SMAW, 60mm and 81mm mortars. The trainers will be distributed to Commands, Schools of Infantry, and Marine Corps Reserve Centers.</p> <p>DISTANCE LEARNING: Distance Learning will provide effective training with fewer resources by using modern instructional technologies (interactive software/ courseware) and remote delivery systems (local and wide-area networks (LAN/WAN)). Distance Learning will yield savings in specialized skills training, TAD costs and manpower structure required to conduct this training. Funds are primarily required to procure the hardware to support an expanding distance learning structure base.</p> <p>DT - NOV 97 OT - DEC 97 ARMY, JAN 98 USMC IOT&E - DEC 97 ARMY, JAN 98 USMC RDT&E PE NUMBER: N/A TECHNICAL DATA PACKAGES - AFTER OT, TBD MSI,II, AND III - NO MILESTONE I OR II, MILESTONE IIIA/LRIP MAY 95 MILESTONE III - FEB 98 TEST RESULT - NO FORMAL TEST RESULT AVAILABLE TO DATE, ONLY TEST INTERIM UPDATES AVAILABLE.</p>		

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 072			P-1 Line Item Nomenclature: TRAINING DEVICES (P66445)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID				FY 97			FY 98			FY 99		
	CD				TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Remoted Target System	A				3167	3	VAR						
Minor Training Devices/Simulators	A				1727	VAR	VAR	825	VAR	VAR	888	VAR	VAR
Audiovisual Equipment	A				2157	VAR	VAR	1111	VAR	VAR	1179	VAR	VAR
Multiple Integrated Laser Engagement System System	B				37000	9	4111	4000	1	4000			
Infantry Squad Trainer	A				3016	10	372						
RESERVES					700								
Distance Learning	A										1300	VAR	VAR
TOTAL					47767			5936			3367		
Active Reserve					47067			5936			3367		
					700								

Exhibit P-5a, Budget Procurement History and Planning									Date:	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 072				Weapon System Type:		P-1 Line Item Nomenclature: TRAINING DEVICES/SIMULATORS (P66445)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Remoted Target System										
FY 97	UNISYS, HUNTSVILLE, AL	CFFP	ACALA	May-97	May-98	3	VAR	Y	N	N/A
Minor Training Devices/Simulators										
FY 97	VARIOUS	CFFP	USMC	VARIES	VARIES	VAR	VAR	Y	N	N/A
FY 98	VARIOUS	CFFP	USMC	VARIES	VARIES	VAR	VAR	Y	N	N/A
FY 99	VARIOUS	CFFP	USMC	VARIES	VARIES	VAR	VAR	Y	N	N/A
Audiovisual Equipment										
FY 97	VARIOUS	CFFP	ARMY	VARIES		VAR	VAR	Y	N	N/A
FY 98	VARIOUS	CFFP	ARMY	VARIES		VAR	VAR	Y	N	N/A
FY 99	VARIOUS	CFFP	ARMY	VARIES		VAR	VAR	Y	N	N/A
Multiple Integrated Laser Engagement System										
FY 97	CUBIC DEF SYS, SAN DIEGO, CA	CFFP	STRICOM	Mar-98	Aug-98	9	4111	Y	N	N/A
FY 98	CUBIC DEF SYS, SAN DIEGO, CA	CFFP/O	STRICOM	Mar-98	Sep-98	1	4000	Y	N	N/A
REMARKS:										

Exhibit P-5a, Budget Procurement History and Planning									Date: September 1997		
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 072				Weapon System Type:			P-1 Line Item Nomenclature: TRAINING DEVICES/SIMULATORS				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
Infantry Squad Trainer FY97	FATS INC, SUWANNE, GA	CFFP	USMC	Dec-96	Mar-97	10	372	Y	N	N/A	
Distance Learning FY 99	TBD	CPFF	USMC	Jan-99	Mar-99	Varies	Varies	Y	N	N/A	
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 073						P-1 Item Nomenclature: CONTAINER FAMILY (P66601)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
	9.1			7.1	6.2	7.2	11.8	5.9	12.1	6.4	CONT.	CONT.
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	9.1			7.1	6.2	7.2	9.8	5.9	6.1	6.4	CONT.	CONT.
Initial Spares												
Total Proc Cost	9.1			7.1	6.2	7.2	9.8	5.9	6.1	6.4	CONT.	CONT.
Flyaway U/C												
Wpn Sys Proc U/C												
<p>The Container Family will provide the Fleet Marine Force with a fully intermodal transport capability emphasizing dimensional standardization and International Organization for Standardization compatability. Containers will replace locally assembled prefabricated wooden mount out boxes and flat and box pallets. The containers will be used to support storage and movement of organizational property and consumable supplies, provide field, garrison and shipboard warehousing, and facilitate ship-to-shore movement.</p>												

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 073			P-1 Line Item Nomenclature: CONTAINER FAMILY (P66601)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD	FY 96			FY 97			FY 98			FY 99		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$	\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Pallet Container TAMCN C4431 Reserves	A				1116 1072	3832	571	798 78	1500	532	971 93	1783	545
Quadruple Container TAMCN C4433 Reserves	A				1644 573	747	2968	1452 522	651	2230	1256 663	619	3100
Insert Container TAMCN 4434 Reserves	A				915 238	7952	145	1390 200	10744	148	1473 275	11577	151
Pallet Container Rack TAMCN C4437 Reserves	A				24 33	381	63				22 18	254	87
Quadruple Container Rack TAMCN C4438 Reserves	A				147 45	137	1400				199 51	171	1462
Horizontal Connector								87	820	106	124	1152	108
Half-Length Insert					1305	15000	87	1636	18382	89	2046	22484	91
Program Documentation					6			15			8		
Travel					4			13			8		
TOTAL					7122			6191			7207		
Active					5347			5393			6107		
Reserve					1775			800			1100		

Exhibit P-5a, Budget Procurement History and Planning								Date: September 1997		
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 073		Weapon System Type:			P-1 Line Item Nomenclature: CONTAINER FAMILY (P66601)					
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Pallet Container	Plastics Research Corp									
FY 1997	Santa Fe Springs, CA	/Option	USMC	Mar-97	Jun-97	3832	571	YES	NO	N/A
FY 1998	Unknown*	C/FFP	USMC	Dec-97	Dec-98	1500	584	YES	NO	Aug-97
FY 1999	Unknown*	C/FFP	USMC	Dec-98	Apr-99	1783	597	YES	NO	N/A
Quadruple Container										
FY 1997	Def Supply Ctr, Richmond Va	C/FFP	USMC	Oct-97	Oct-98	747	2968	YES	NO	Jun-97
FY 1998	Def Supply Ctr, Richmond Va	C/FFP	USMC	Jan-98	Oct-98	651	3033	YES	NO	N/A
FY 1999	Def Supply Ctr, Richmond Va	C/FFP	USMC	Dec-98	Apr-99	619	3100	YES	NO	N/A
Insert, Container	Plastics Research Corp									
FY 1997	Santa Fe Springs, CA	/Option	USMC	Mar-97	Jun-97	7952	145	YES	NO	Jun-97
FY 1998	Unknown*	C/FFP	USMC	Dec-97	Dec-98	10744	148	YES	NO	Aug-97
FY 1999	Unknown	C/FFP	USMC	Dec-98	Apr-99	11577	151	YES	NO	N/A
Pallet Container Rack	Plastics Research Corp									
FY 1997	Santa Fe Springs, CA	/Option	USMC	Mar-97	Jun-97	381	150	YES	NO	N/A
FY 1999	Unknown*	C/FFP	USMC	Dec-98	Apr-99	254	157	YES	NO	N/A
Quadruple Container Rack										
FY 1997	Unknown*	C/FFP	USMC	Oct-97	Oct-98	137	1400	YES	NO	Jun-97
FY 1999	Unknown*	C/FFP	USMC	Dec-98	Apr-99	171	1462	YES	NO	N/A
REMARKS:										

Exhibit P-20, Requirements Study				Appropriation/Budget Activity/Serial No: Procurement, Marine Corps /Engineer and Other Equipment / P6660073				Date: September 1997		
P-1 Line Item Nomenclature (Include DODIC for Ammunition Items):				Admin Leadtime (after Oct 1):				Prod Leadtime:		
Insert Container				5 Months				3 Months		
Line Descriptions				FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Buy Summary				7952	10744	11577	16353	7677	15228	5192
Unit Cost				0.1	0.1	0.2	0.2	0.2	0.2	0.2
Total Cost				1153.0	1590.0	1748.0	2600.1	1259.0	2512.5	1012.0
Asset Dynamics										
Beginning Asset Position				36008	43960	52912	60491	78545	88391	101732
Deliveries from: FY 1997 Funding				7952						
Deliveries from: FY 1998 Funding					8952	1792				
Deliveries from: FY 1999 Funding						5787	5790			
Deliveries from Subsequent Years Funds							12264	9846	13341	7700
Other Gains										
Combat Losses										
Training Losses										
Test Losses										
Other Losses										
Disposals/Retirements/Attritions										
End of Year Asset Position				43960	52912	60491	78545	88391	101732	109432
Inventory Objective or Current Authorized Allowance										
Inventory Objective 168012		Actual Training Expenditures		Other than Training Usage		Disposals (Vehicles/Other)		Vehicles Eligible for Replacement		Aircraft: TOAI
Assets Rqd for Combat Loads:		96 thru FY XXXX		96 thru FY XXXX		96 thru FY XXXX		FY 1998		PAA: TAI
WRM Rqmt:		FY XXXX		FY XXXX		FY XXXX		FY 1999		Attrition Res
Pipeline:		FY XXXX		FY XXXX		FY XXXX		Augment		BAI
Other:		FY XXXX		FY XXXX		FY XXXX				Inactive Inv
Total:										Storage
Remarks:										

[illegible]

FY 98 / 99 BUDGET PRODUCTION SCHEDULE							CONTAINER FAMILY (P66601)																								September 1997			
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 02														Fiscal Year 03												L A T E R	
							Calendar Year 02														Calendar Year 03													
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
								A		678	678	678	678	678	678	678	678	678	679	679														
Pallet Container		00	MC	8138	0	8138																												
		01	MC	4000		4000															333	333	333	333	333	333	333	334	334	1002				
		02	MC	7934	0	7934																								7934				
		03	MC	5000	0	5000																								5000				
Quadruple Container		00	MC	1089		1089							99	99	99	100	100	100	100	100	100	92												
		01	MC	535	0	535																		44	44	44	44	44	45	270				
		02	MC	1177		1177																								1177				
		03	MC	522	0	522																								522				
Insert Container		00	MC	16353	0	16353		A		1362	1362	1362	1263	1263	1263	1263	1263	1263	1263	1263														
		01	MC	7677	0	7677													A		639	639	639	640	640	640	640	640	640	1920				
		02	MC	15228	0	15228																								15228				
		03	MC	5192	0	5192																								5192				
Pallet Container Rack		00	MC	1507	0	1507		A		125	125	125	125	125	126	126	126	126	126	126	126	126												
		01	MC	700	0	700														A		58	58	58	58	58	58	58	59	177				
		02	MC	1190	0	1190																								1190				
		03	MC	600	0	600																								600				
Quadruple Container Rack		00	MC	203	0	203			A				16	17	17	17	17	17	17	17	17	17	17	17										
		01	MC	100	0	100														A				8	8	8	8	8	8	52				
		02	MC	148	0	148																								148				
		03	MC	86	0	86																								86				
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
MFR	NAME / LOCATION		PRODUCTION RATES			REACHED D +	MFR Number			ADMIN LEAD TIME				MFR After 1 Oct.	TOTAL		REMARKS																	
Prior 1 Oct.			After 1 Oct.		After 1 Oct.																													
	NAWS, INDIANAPOLIS, IND		15	15	30			INITIAL		0		5		4		9																		
								REORDER																										
								INITIAL																										
								REORDER																										
								INITIAL																										
								REORDER																										
								INITIAL																										
								REORDER																										

Exhibit P-40, Budget Item Justification Sheet								Date: September 1997				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 074						P-1 Item Nomenclature: MODIFICATION KITS (P66723)						
Program Elements for Code B Items:				Code:	Other Related Program Elements:							
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	1.6			1.1	1.2	1.3	1.3	1.3	1.4	1.4	Continuing	Continuing
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	1.6			1.1	1.2	1.3	1.3	1.3	1.4	1.4	Continuing	Continuing
Initial Spares												
Total Proc Cost	1.6			1.1	1.2	1.3	1.3	1.3	1.4	1.4	Continuing	Continuing
Flyaway U/C												
Wpn Sys Proc U/C												

The FY97 funding will correct safety deficiencies and improve the performance and reliability of the Material Handling Equipment (MHE) Forklift. These modifications increase the safety, ease, and speed with which pallets can be moved.

The FY98 Chem Det Kit (Water) will upgrade water testing capabilities to meet current water testing standards. The FY98 MHE upgrades will install harmonic spacers on the 4K forklift allowing for improved reliability, improve operation and maintenance.

The FY99 MHE upgrades improve the overall operation and maintenance of the 4K forklift through installation of carriage lock actuators that improve the reliability, maintainability, and performance. The FY99 ACE upgrade will improve operation and maintenance by installing automatic track tensioners.

MOD	INSTALLING AGENT	INSTALLATION	END ITEM/FACILITY
MHE MOD	FIELD	BEGIN: JUL 97 - END: JUN 98	FLEET MARINE FORCE (FMF)
CHEM DET	FIELD	BEGIN: JUN 98 - END: SEP 98	FLEET MARINE FORCE (FMF)
MK 4000	FIELD	BEGIN: MAY 98 - END: MAY 99	FLEET MARINE FORCE (FMF)
M9 ACE	FIELD	BEGIN: MAY 99 - END: MAR 00	FLEET MARINE FORCE (FMF)
CONTAINER HANDLER	FIELD	BEGIN: MAY 00 - END: MAR 01	FLEET MARINE FORCE (FMF)
TRAM	FIELD	BEGIN: MAY 01 - END: MAR 02	FLEET MARINE FORCE (FMF)
ROLLER, COMPACTOR	FIELD	BEGIN: MAY 02 - END: MAR 03	FLEET MARINE FORCE (FMF)
MHE MOD	FIELD	BEGIN: MAY 03 - END: MAR 04	FLEET MARINE FORCE (FMF)

Exhibit P-40C Budget Item Justification Sheet								Date September 1997			
Appropriation / Budget Activity/Serial No. Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 074						P-1 Item Nomenclature MODIFICATION KITS (P66723)					
Program Elements for Code B Items			Code	Other Related Program Elements							
Description			Fiscal Years								
OSIP NO.	Classification		FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	TC	Total
MHE Mod											
	1 Safety		1.1	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.5
Chemical Detection Kit (Water)											
	2 Reliability		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
MC-4000 Upgrades											
	3 Reliability		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
MC-4000 Upgrades (Hydraulic, Carriage)											
	4 Reliability		0.0	1.0	1.1	0.0	0.0	0.0	0.0	0.0	2.0
M-9 ACE											
	5 Reliability		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
Container Handler											
	6 Reliability		0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.3
TRAM (10,000 lbs Forklift/Mat'l Handler)											
	7 Reliability		0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.3
Roller, Compactor											
	8 Reliability		0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.4
Totals											
			0.0	1.1	1.2	1.3	1.3	1.3	1.4	1.4	8.9

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 074			P-1 Line Item Nomenclature: MODIFICATION KITS (P66723)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
MHE MOD					1081	636	1700						
CHEM DET KIT (WATER)								125	50	2500			
MC 4K UPGRADES (GAUGES/SENSORS)								140	636	220			
MC 4K UPGRADES (HYDRAULIC/CARRIAGE)								950	296	3209	1079	329	3280
M9 ACE UPGRADE AUTO-TRACK TENSIONER											172	80	2150
TOTAL					1081			1215			1251		
MHE MOD Reserves					172	101	1700						
CHEM DET KIT (WATER) Reserves								10	4	2500			
MC 4K UPGRADES (GAUGES/SENSORS) Reserves								22	101	220			
MC 4K UPGRADES (HYDRAULIC/CARRIAGE) Reserves								154	48	3209	157	48	3280
M9 ACE UPGRADE AUTO-TRACK TENSIONER Reserves											15	7	2150
TOTAL RESERVES					172			186			172		

Exhibit P-5a, Budget Procurement History and Planning										Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 074				Weapon System Type:			P-1 Line Item Nomenclature: MODIFICATION KITS (P66723)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
MHE MOD - FORK TINES FY 97	SOFSa LEXINGTON, KY	FFP	SOFSa LEXINGTON, KY	Apr-97	Jul-97	636	1700	YES	NO	N/A	
CHEM DET KIT (WATER) FY 98	US ARMY, ATCOM	FFP	US ARMY, ATCOM	Feb-98	Jun-98	50	2500	YES	NO	N/A	
MC 4K UPGRADES (GAUGES, SENSORS WIRES) FY 98	MCLB, ALBANY	FFP	MCLB, ALBANY	Feb-98	May-98	636	220	YES	NO	N/A	
MC 4K UPGRADES HYDRAULIC, CARRIAGE FY 98 FY 99	MCLB, ALBANY MCLB, ALBANY	FFP FFP	MCLB, ALBANY MCLB, ALBANY	Feb-98 Feb-99	May-98 May-99	296 329	3209 3280	YES YES	NO NO	N/A N/A	
M9 ACE UPGRADE AUTO-TRACK TENSIONER FY99	US ARMY, ATCOM	FFP	US ARMY, ATCOM	Feb-99	May-99	80	2150	YES	NO	N/A	
REMARKS:											

INDIVIDUAL MODIFICATION																Date	September 1997				
MODIFICATION TITLE: MHE Mod 03																					
MODELS OF SYSTEMS AFFECTED:																					
DESCRIPTION / JUSTIFICATION: This modification will correct safety deficiencies and improve the performance of the Extendable Boom Forklift by allowing it to safely and effectively lift Air Force 463L Pallets. It will increase the safety, ease, and speed with which the 463L Pallets can be moved and loaded.																					
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:																					
Installation Schedule:																					
	Pr Yr	FY 1997				FY 1998				FY 1999				FY 2000				FY 2001			
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs					159	159	159	159													
Outputs																					
	FY 2002				FY 2003				FY 2004				FY 2005				To	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete				
Inputs						158	158	158	160										1270		
Outputs																					
METHOD OF IMPLEMENTATION:		Field				ADMINISTRATIVE LEADTIME:				3 Months				PRODUCTION LEADTIME:				3 Months			
Contract Dates:		FY 1997 Apr97				FY 1998				Enter Date				FY 1999				Enter Date			
Delivery Date:		FY 1997 Jul97				FY 1998				Enter Date				FY 1999				Enter Date			

INDIVIDUAL MODIFICATION																	Date		September 1997	
MODIFICATION TITLE (Cont): MHE Mod 03																				
FINANCIAL PLAN: (\$ in Millions)																				
	FY 1996 and Prior		FY 1997		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
PROCUREMENT																				
Kit Quantity			636	01.081											634	01.413			1270	02.494
Inst Kits, Nonrecurring																				
Equipment, Nonrecurring																				
ECO																				
Other																				
Installation of Hardware																				
FY 1996 & Prior Eqpt -- Kits																				
FY 1997 Eqpt -- Kits																				
FY 1998 Eqpt -- Kits																				
FY 1999 Eqpt -- Kits																				
FY 2000 Eqpt -- kits																				
FY 2001 Eqpt -- kits																				
FY 2002 Eqpt -- kits																				
FY 2003 Eqpt -- kits																				
(FY(TC) Eqpt (xx kits)																				
Installment Cost																				
Total Procurement Cost				1.081												1.413				2.494

INDIVIDUAL MODIFICATION																Date	September 1997				
MODIFICATION TITLE: Chemical Detection Kit (Water) 04																					
MODELS OF SYSTEMS AFFECTED: Chemical Detection Kit																					
DESCRIPTION / JUSTIFICATION: The chemical detection kit (water) will upgrade water testing capabilities to meet current water testing standards.																					
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:																					
Installation Schedule:																					
	Pr Yr	FY 1997				FY 1998				FY 1999				FY 2000				FY 2001			
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs								25	25												
Outputs																					
	FY 2002				FY 2003				FY 2004				FY 2005				To	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete				
Inputs																		50			
Outputs																					
METHOD OF IMPLEMENTATION: Field ADMINISTRATIVE LEADTIME: 4 Months PRODUCTION LEADTIME: 4 Months Contract Dates: FY 1997 Enter Date FY 1998 Feb98 FY 1999 Enter Date Delivery Date: FY 1997 Enter Date FY 1998 Jun98 FY 1999 Enter Date																					

INDIVIDUAL MODIFICATION																Date		September 1997		
MODIFICATION TITLE (Cont): Chemical Detection Kit (Water) 04																				
FINANCIAL PLAN: (\$ in Millions)																				
	FY 1996 and Prior		FY 1997		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
PROCUREMENT																				
Kit Quantity					50	00.125													50	00.125
Inst Kits, Nonrecurring																				
Equipment, Nonrecurring																				
ECO																				
Other																				
Installation of Hardware																				
FY 1996 & Prior Eqpt -- Kits																				
FY 1997 Eqpt -- Kits																				
FY 1998 Eqpt -- Kits																				
FY 1999 Eqpt -- Kits																				
FY 2000 Eqpt -- kits																				
FY 2001 Eqpt -- kits																				
FY 2002 Eqpt -- kits																				
FY 2003 Eqpt -- kits																				
(FY(TC) Eqpt (xx kits)																				
Installment Cost																				
Total Procurement Cost						0.125														0.125

INDIVIDUAL MODIFICATION																Date	September 1997												
MODIFICATION TITLE: MC-4000 Upgrades 05																													
MODELS OF SYSTEMS AFFECTED: Rough Terrain Forklift																													
DESCRIPTION / JUSTIFICATION: Various modifications will improve the safety, reliability, maintainability and performance of the small tactical forklift.																													
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:																													
Installation Schedule:																													
	Pr Yr	FY 1997				FY 1998				FY 1999				FY 2000				FY 2001											
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
Inputs								159	159	159	159																		
Outputs																													
		FY 2002				FY 2003				FY 2004				FY 2005				To	Totals										
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete											
Inputs																			636										
Outputs																													
METHOD OF IMPLEMENTATION:		Field				ADMINISTRATIVE LEADTIME:				4				Months				PRODUCTION LEADTIME:				3				Months			
Contract Dates:		FY 1997				Enter Date				FY 1998				Feb98				FY 1999				Enter Date							
Delivery Date:		FY 1997				Enter Date				FY 1998				May98				FY 1999				Enter Date							

INDIVIDUAL MODIFICATION																	Date		September 1997	
MODIFICATION TITLE (Cont): MC-4000 Upgrades 05																				
FINANCIAL PLAN: (\$ in Millions)																				
	FY 1996 and Prior		FY 1997		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
PROCUREMENT																				
Kit Quantity					636	00.140													636	00.140
Inst Kits, Nonrecurring																				
Equipment, Nonrecurring																				
ECO																				
Other																				
Installation of Hardware																				
FY 1996 & Prior Eqpt -- Kits																				
FY 1997 Eqpt -- Kits																				
FY 1998 Eqpt -- Kits																				
FY 1999 Eqpt -- Kits																				
FY 2000 Eqpt -- kits																				
FY 2001 Eqpt -- kits																				
FY 2002 Eqpt -- kits																				
FY 2003 Eqpt -- kits																				
(FY(TC) Eqpt (xx kits)																				
Installment Cost																				
Total Procurement Cost						0.140														0.140

INDIVIDUAL MODIFICATION																Date	September 1997				
MODIFICATION TITLE: MC-4000 Upgrades (Hydraulic, Carriage) 06																					
MODELS OF SYSTEMS AFFECTED: Rough Terrain Forklift																					
DESCRIPTION / JUSTIFICATION: Various modifications will improve the safety, reliability, maintainability and performance of the small tactical forklift.																					
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:																					
Installation Schedule:																					
	Pr Yr	FY 1997				FY 1998				FY 1999				FY 2000				FY 2001			
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs								148	148			150	150	29							
Outputs																					
		FY 2002				FY 2003				FY 2004				FY 2005				To	Totals		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete			
Inputs																			625		
Outputs																					
METHOD OF IMPLEMENTATION:		Field				ADMINISTRATIVE LEADTIME:				4 Months				PRODUCTION LEADTIME:				3 Months			
Contract Dates:		FY 1997				FY 1998				Feb98				FY 1999				Feb99			
Delivery Date:		FY 1997				FY 1998				May98				FY 1999				May99			

INDIVIDUAL MODIFICATION																	Date	September 1997		
MODIFICATION TITLE (Cont): MC-4000 Upgrades (Hydraulic, Carriage) 06																				
FINANCIAL PLAN: (\$ in Millions)																				
	FY 1996 and Prior		FY 1997		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
PROCUREMENT																				
Kit Quantity					296	00.950	329	01.079											625	02.029
Inst Kits, Nonrecurring																				
Equipment, Nonrecurring																				
ECO																				
Other																				
Installation of Hardware																				
FY 1996 & Prior Eqpt -- Kits																				
FY 1997 Eqpt -- Kits																				
FY 1998 Eqpt -- Kits																				
FY 1999 Eqpt -- Kits																				
FY 2000 Eqpt -- kits																				
FY 2001 Eqpt -- kits																				
FY 2002 Eqpt -- kits																				
FY 2003 Eqpt -- kits																				
(FY(TC) Eqpt (xx kits)																				
Installment Cost																				
Total Procurement Cost						0.950		1.079												2.029

INDIVIDUAL MODIFICATION																Date	September 1997				
MODIFICATION TITLE: M-9 ACE 07																					
MODELS OF SYSTEMS AFFECTED: M-9 ACE																					
DESCRIPTION / JUSTIFICATION: Provides upgrades to the M-9 ACE and installs new automatic track tension system which will improve performance, reliability, and reduce operation and maintenance cost.																					
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:																					
Installation Schedule:																					
	Pr Yr	FY 1997				FY 1998				FY 1999				FY 2000				FY 2001			
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs												20	20	20	20						
Outputs																					
		FY 2002				FY 2003				FY 2004				FY 2005				To	Totals		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete			
Inputs																			80		
Outputs																					
METHOD OF IMPLEMENTATION:						ADMINISTRATIVE LEADTIME:				4 Months				PRODUCTION LEADTIME:				3 Months			
Contract Dates:		FY 1997				FY 1998				FY 1999				Feb99							
Delivery Date:		FY 1997				FY 1998				FY 1999				May99							

INDIVIDUAL MODIFICATION																	Date		September 1997	
MODIFICATION TITLE (Cont): M-9 ACE 07																				
FINANCIAL PLAN: (\$ in Millions)																				
	FY 1996 and Prior		FY 1997		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
PROCUREMENT																				
Kit Quantity							80	00.172											80	00.172
Inst Kits, Nonrecurring																				
Equipment, Nonrecurring																				
ECO																				
Other																				
Installation of Hardware																				
FY 1996 & Prior Eqpt -- Kits																				
FY 1997 Eqpt -- Kits																				
FY 1998 Eqpt -- Kits																				
FY 1999 Eqpt -- Kits																				
FY 2000 Eqpt -- kits																				
FY 2001 Eqpt -- kits																				
FY 2002 Eqpt -- kits																				
FY 2003 Eqpt -- kits																				
(FY(TC) Eqpt (xx kits)																				
Installment Cost																				
Total Procurement Cost								0.172												0.172

INDIVIDUAL MODIFICATION																		Date	September 1997		
MODIFICATION TITLE: Container Handler																					
MODELS OF SYSTEMS AFFECTED: RTCH																					
DESCRIPTION / JUSTIFICATION: Modifications will improve system reliability and maintainability. Install a ride stabilization system to prevent excess vibration and shock. Install load moment indicators to ensure vehicle capacity is not being exceeded by the operator.																					
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES:																					
Installation Schedule:																					
Inputs	Pr Yr	FY 1997				FY 1998				FY 1999				FY 2000				FY 2001			
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Outputs															35	35	36				
Inputs	FY 2002				FY 2003				FY 2004				FY 2005				To	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete				
																		106			
Outputs																					
METHOD OF IMPLEMENTATION: Field ADMINISTRATIVE LEADTIME: 4 Months PRODUCTION LEADTIME: 2 Months																					
Contract Dates: FY 1997 Enter Date FY 1998 Enter Date FY 1999 Enter Date																					
Delivery Date: FY 1997 Enter Date FY 1998 Enter Date FY 1999 Enter Date																					

INDIVIDUAL MODIFICATION																	Date		September 1997	
MODIFICATION TITLE (Cont): Container Handler																				
FINANCIAL PLAN: (\$ in Millions)																				
	FY 1996 and Prior		FY 1997		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
PROCUREMENT																				
Kit Quantity									106	01.300									106	01.300
Inst Kits, Nonrecurring																				
Equipment, Nonrecurring																				
ECO																				
Other																				
Installation of Hardware																				
FY 1996 & Prior Eqpt -- Kits																				
FY 1997 Eqpt -- Kits																				
FY 1998 Eqpt -- Kits																				
FY 1999 Eqpt -- Kits																				
FY 2000 Eqpt -- kits																				
FY 2001 Eqpt -- kits																				
FY 2002 Eqpt -- kits																				
FY 2003 Eqpt -- kits																				
(FY(TC) Eqpt (xx kits)																				
Installment Cost																				
Total Procurement Cost										1.300										1.300

INDIVIDUAL MODIFICATION																Date	September 1997												
MODIFICATION TITLE: 10K Forklift																													
MODELS OF SYSTEMS AFFECTED: TRAM																													
DESCRIPTION / JUSTIFICATION: Modification will improve system reliability and safety. Installation of upgraded hydraulics and load moment indicators.																													
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: This is a non-developmental item.																													
Installation Schedule:																													
	Pr Yr	FY 1997				FY 1998				FY 1999				FY 2000				FY 2001											
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
Inputs																			158	158	158								
Outputs																													
		FY 2002				FY 2003				FY 2004				FY 2005				To	Totals										
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete											
Inputs	160																		634										
Outputs																													
METHOD OF IMPLEMENTATION:		Field				ADMINISTRATIVE LEADTIME:				4				Months				PRODUCTION LEADTIME:				2				Months			
Contract Dates:		FY 1997				Enter Date				FY 1998				Enter Date				FY 1999				Enter Date							
Delivery Date:		FY 1997				Enter Date				FY 1998				Enter Date				FY 1999				Enter Date							

INDIVIDUAL MODIFICATION																	Date		September 1997	
MODIFICATION TITLE (Cont): 10K Forklift (TRAM)																				
FINANCIAL PLAN: (\$ in Millions)																				
	FY 1996 and Prior		FY 1997		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
PROCUREMENT																				
Kit Quantity											634	01.300							634	01.300
Inst Kits, Nonrecurring																				
Equipment, Nonrecurring																				
ECO																				
Other																				
Installation of Hardware																				
FY 1996 & Prior Eqpt -- Kits																				
FY 1997 Eqpt -- Kits																				
FY 1998 Eqpt -- Kits																				
FY 1999 Eqpt -- Kits																				
FY 2000 Eqpt -- kits																				
FY 2001 Eqpt -- kits																				
FY 2002 Eqpt -- kits																				
FY 2003 Eqpt -- kits																				
(FY(TC) Eqpt (xx kits)																				
Installment Cost																				
Total Procurement Cost												1.300								1.300

INDIVIDUAL MODIFICATION																Date	September 1997				
MODIFICATION TITLE: Roller Compactor																					
MODELS OF SYSTEMS AFFECTED: Roller Compactor																					
DESCRIPTION / JUSTIFICATION: Modifications will improve system reliability and maintainability and reduce O&M costs. Install solar maintainer/conditioner for 12/24 volt storage batteries (battery chargers). Modify electrical system to change from 12 volt to 24 volt system. Replace tires with new improved tires.																					
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONES: Available through Defense Supply Logistics Agency (DLA).																					
Installation Schedule:																					
Inputs	Pr Yr	FY 1997				FY 1998				FY 1999				FY 2000				FY 2001			
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Outputs																					
Inputs		FY 2002				FY 2003				FY 2004				FY 2005				To	Totals		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete			
Outputs				26	26														52		
METHOD OF IMPLEMENTATION: Field ADMINISTRATIVE LEADTIME: 4 Months PRODUCTION LEADTIME: 2 Months																					
Contract Dates: FY 1997 Enter Date FY 1998 Enter Date FY 1999 Enter Date																					
Delivery Date: FY 1997 Enter Date FY 1998 Enter Date FY 1999 Enter Date																					

INDIVIDUAL MODIFICATION																Date		September 1997			
MODIFICATION TITLE (Cont): Rollar Compactor																					
FINANCIAL PLAN: (\$ in Millions)																					
	FY 1996 and Prior		FY 1997		FY 1998		FY 1999		FY 2000		FY 2001		FY 2002		FY 2003		TC		TOTAL		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
RDT&E																					
PROCUREMENT																					
Kit Quantity													52	01.400					52	01.400	
Inst Kits, Nonrecurring																					
Equipment, Nonrecurring																					
ECO																					
Other																					
Installation of Hardware																					
FY 1996 & Prior Eqpt -- Kits																					
FY 1997 Eqpt -- Kits																					
FY 1998 Eqpt -- Kits																					
FY 1999 Eqpt -- Kits																					
FY 2000 Eqpt -- kits																					
FY 2001 Eqpt -- kits																					
FY 2002 Eqpt -- kits																					
FY 2003 Eqpt -- kits																					
(FY(TC) Eqpt (xx kits)																					
Installment Cost																					
Total Procurement Cost														1.400						1.400	

Exhibit P-40, Budget Item Justification Sheet								Date:		September 1997		
Appropriation / Budget Activity/Serial No:						P-1 Item Nomenclature:						
Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 075						ITEMS LESS THAN \$2 MILLION (P66950)						
Program Elements for Code B Items:				Code:		Other Related Program Elements:						
	Prior Years			FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	To Complete	Total Prog
Proc Qty												
Gross Cost	8.7			1.0	0.7	1.9	0.8	0.8	0.8	0.8	CONT	CONT
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	8.7			1.0	0.7	1.9	0.8	0.8	0.8	0.8	CONT	CONT
Initial Spares				0.03								CONT
Total Proc Cost	8.7			1.1	0.7	1.9	0.8	0.8	0.8	0.8	CONT	CONT
Flyaway U/C												
Wpn Sys Proc U/C												

This is a composite line which consists of engineer and general supply equipment with each costing less than \$2 million. These items are Code "A":

TWIN AGENT UNIT, MOBILE (TAU,M): This program will reconfigure the current TAU in order to replace the commercial utility, cargo vehicle (CUCV) with a High Mobility Multi-Purpose Wheeled Vehicle (HMMWV). This new item of equipment will support the tactical airfields and bulk fuel storage facilities and will be resident in the Marine Wing Support Groups (MWSGs) and Force Service Support Groups (FSSGs).

WATER SUPPLY SUPPORT SYSTEM (WSSS): The WSSS contains 22 separate TAMCNs. Components include 500 gallon drums, up to 50,000 gallon tanks, various pumps, and an assortment of hose connections kits, assemblies and accessories used for the storage and distribution of potable water.

SURVEY EQUIPMENT: The Wildsoft 2000 is the software required to retrieve data from the Theodlite. The Theodlite is survey equipment that measures distance and elevation.

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 075			P-1 Line Item Nomenclature: ITEMS LESS THAN \$2 MILLION (P66950)			Weapon System Type:			Date: September 1997		
Weapon Svstem Cost Elements	ID CD				FY 97			FY 98			FY 99		
					TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Water Supply Spt System (WSSS)					940		VARIOUS	714		VARIOUS	744		VARIOUS
Twin Agent Unit, Mobile (TAU)											1059	135	7844
TAU - ILS Support											85		
Survey Equipment					87	22	3955						

Exhibit P-5a, Budget Procurement History and Planning									Date: September 1997	
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6) / 075			Weapon System Type:			P-1 Line Item Nomenclature: ITEMS LESS THAN \$2 MILLION (P66950)				
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Water Supply Spt System (WSSS) FY1997 FY1998 FY1999	ATCOM, St Louis, MO ATCOM, St Louis, MO ATCOM, St Louis, MO	MIPR MIPR MIPR	ATCOM ATCOM ATCOM	Feb-97 Feb-98 Feb-99	Dec-97 Dec-98 Dec-99	Various Various Various	Various Various Various	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
Twin Agent Unit (TAU) FY1999	TBD	FFP	TBD	Dec-98	Mar-99	135	7844	Yes	No	
Survey Equipment FY1997	ESC, Hanscom AFB, MA	MIPR	HANSCOM AFB	Mar-97	Apr-97	22	3955	N/A	N/A	N/A
REMARKS:										

